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FWP3200

User manual 3

用户手册 19


PHILIPS

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English

# 1 Important

## Safety

### Know these safety symbols

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT
REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS
INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

### Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug

**is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.**

⑭ **Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:**
- Install all batteries correctly, + and - as marked on the unit.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries when the unit is not used for a long time.

⑮ **Apparatus shall not be exposed to dripping or splashing.**

⑯ **Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).**

⑰ **Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.**

Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least four inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.

**Warning**

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.

- Use this product in the areas of an altitude of no more than 2000 meters only.
- Use this product in the non-tropical regions only.

## Hearing safety

**Listen at a moderate volume.**
- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

**To establish a safe volume level:**
- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

**Listen for reasonable periods of time:**
- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

**Be sure to observe the following guidelines when using your headphones.**
- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.

- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

## Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.
Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products and batteries. The correct disposal of these products helps prevent potentially negative consequences on the environment and human health.
Your product contains batteries, which cannot be disposed of with normal household waste. Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.
Please visit www.recycle.philips.com for additional information on a recycling center in your area.

The making of unauthorized copies of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

**Environmental information**
All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.
iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

Note

- The type plate is located on the back of the device.

# 2 Your Mini Hi-Fi System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

## Introduction

**With this Hi-Fi system, you can:**

- enjoy audio from your iPod/iPhone, USB storage devices, or other external devices
- charge your iPod/iPhone through the dual rotatable docks
- swap play between the dual audio sources with the channel fader
- listen to FM radio stations
- speak or sing with microphones through the loudspeakers of the unit

**To enrich sound, this Hi-Fi system offers you these sound effects:**

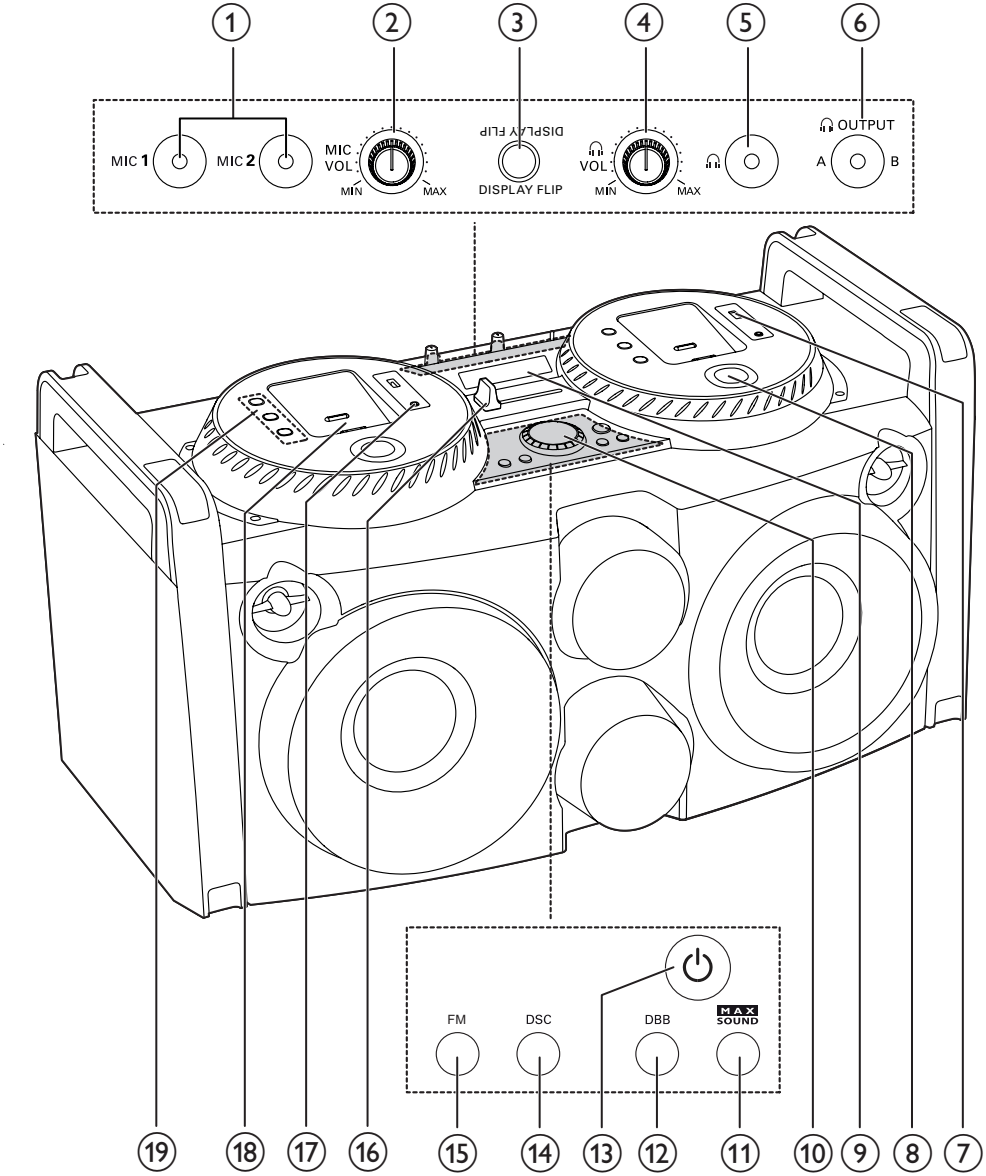
- Digital Sound Control (DSC)
- Dynamic Bass Boost (DBB)
- Max Sound for instant power boost

## What's in the box

Check and identify the contents of your package:

- Main unit
- Remote control (with batteries)
- Power cord
- FM antenna
- User manual
- Quick start guide

# Overview of the main unit




① MIC 1/MIC 2

- Connect microphones.

② MIC VOL

- Adjust volume of the connected microphone(s).

③ DISPLAY FLIP
- Reverse the text displayed on the screen.

④ VOL
- Adjust headphone volume.

⑤
- Connect a headphone for monitoring.

⑥ OUTPUT A/B
- Switch headphone output between audio source A and B.

⑦ (A/B)
- Connect a USB mass storage device.

⑧ Play control keys

⏮ / ⏭
- Skip to the previous/next track.
- (Press and hold) tune to a radio station.

ALBUM/PRESET ▲ /TUNING ▼
- Select a preset radio station.
- During USB play, skip to the previous/ next album.

▶II
- Start or pause play.

⑨ Display panel
- Show current status.

⑩ Volume knob
- Adjust speaker volume.

⑪ MAX SOUND
- Turn on/off instant power boost.

⑫ DBB
- Turn on/off dynamic bass enhancement.

⑬
- Turn on the unit or switch to standby mode.

⑭ DSC
- Select a preset sound setting.

⑮ FM
- Select the tuner source.

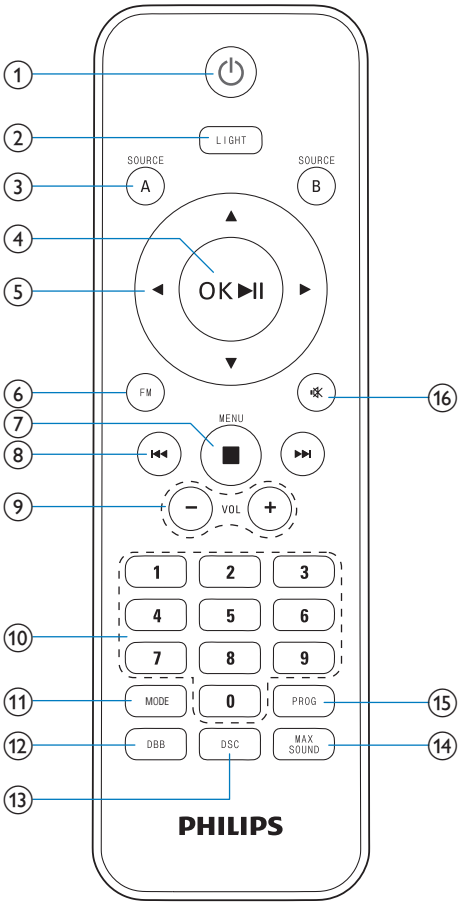
⑯ CROSS FADER ASSIGN
- swap play between audio source A and B.

⑰ MP3 LINK(A/B)
- Connect an external audio device.

⑱ Dock for iPod/iPhone(A/B)

⑲ Source selection keys (A/B)
- Select a source: iPod/iPhone, USB or MP3 LINK.

## Overview of the remote control



① ⏻
- Turn on the unit or switch to standby mode.

② LIGHT
- Adjust the decoration light around the speakers.

③ SOURCE A/B
- Select a source (A/B): iPod/Phone, USB or MP3-LINK.

④ OK/ ▶II
- Start or pause play.
- confirm a selection.
- In dock mode, navigate in the iPod/ iPhone menu.

⑤ ▲▼◀▶
- ◀▶ : in tuner mode, tune to a radio station.
- ▲▼ : during USB play, skip to the previous/next album.

⑥ FM
- Select the tuner source.

⑦ MENU/ ■
- Stop play.
- Access the iPod/iPhone menu.
- Stop radio programming.

⑧ ⏮ / ⏭
- Skip to the previous/next track.
- Search within a track.
- Select a preset radio station.

⑨ VOL +/-
- Adjust speaker volume.

⑩ Numeric keypad (0 to 9)
- In USB mode, select a track directly.
- In tuner mode, select a preset radio station directly.

⑪ MODE
- Select repeat/shuffle play modes.

⑫ DBB
- Turn on/off dynamic bass enhancement.

⑬ DSC
- Select a preset sound setting.

⑭ MAX SOUND
- Turn on/off instant power boost.

⑮ PROG
- Program radio stations.

⑯ 🔇
- Mute or restore sound output.

# 3 Get started

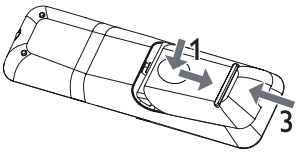
**Caution**

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here:
Model No. _____
Serial No. _____

## Prepare the remote control

1. Press and push the battery compartment to slide it open (see "1" in the illustration).
2. Insert two AAA batteries with correct polarity (+/-) as indicated.
3. Push and slide back the battery compartment (see "3" in the illustration).




**Note**

- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- If you are not going to use the remote control for a long time, remove the batteries.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Batteries contain chemical substances, so they should be disposed of properly.

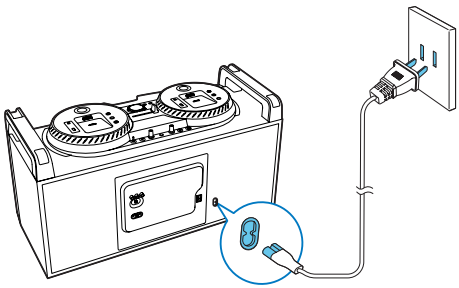
## Connect power

**Caution**

- Risk of product damage! Make sure that the power supply voltage corresponds to the voltage printed on the head of the AC power cord.
- Risk of electric shock! When you unplug the power cord, always pull the plug from the socket. Never pull the cord.

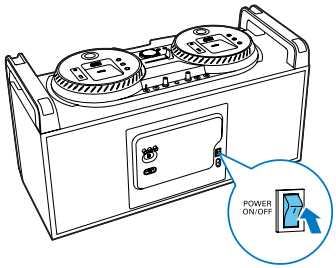
**Note**

- Before you connect the AC power cord, make sure that you have completed all the other connections.



- Connect the AC power cord to
  - the ~ **AC IN** socket on this unit.
  - the wall power socket.

## Turn on



1 Turn the**POWER ON/OFF** switch on the back panel to the | position.

2 Press ⏻.
↳ The unit switches to the last selected source.

### Switch to standby mode

- Press ⏻ to switch the unit to standby mode.
  ↳ The backlight on the display panel turns off.

# 4 Play

## Basic play operations

You can control play through the following operations.

| Function | Action |
|---|---|
| To stop play | press **MENU/** ■. |
| To pause/ resume play | press ▶II. |
| To skip to a track | press I◀◀ / ▶▶I. |
| To search during play | press and hold I◀◀ / ▶▶I, then release to resume normal play. |
| To swap play between audio source A and B | • Press **SOURCE A** or **SOURCE B**repeatedly.<br>• * On the top panel, move the channel fader to the left (A) or right (B) to fade in and fade out. |

* When you use the channel fader to swap play between source A and B, the music play will not be interrupted. For example, when you move the channel fader from the left to the right, the song played from source A will gradually reduce to silence (fade-out), while at the same time, the song played from source B will gradually increase from silence (fade-in).

## Play from iPod/iPhone

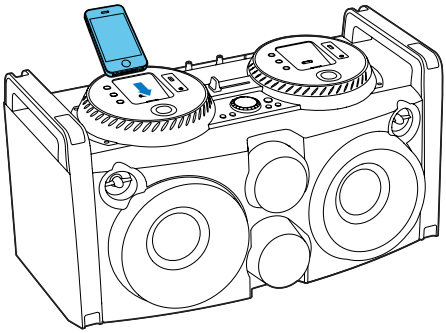
You can enjoy music from your iPod/iPhone through this unit.
With the dual docks, you can load two iPods/ iPhones at the same time and swap play between them.

## Compatible iPod/iPhone

The unit supports the following iPod/iPhone models.
Made for:

- iPod touch (1st, 2nd, 3rd, and 4th generation)
- iPod classic
- iPod nano (2nd, 3rd, 4th, 5th, and 6th generation)
- iPhone 4S
- iPhone 4
- iPhone 3GS
- iPhone 3G
- iPhone

## Load the iPod/iPhone



1 Insert your iPod/iPhone into the dock on either the left (A) or the right (B).
2 If needed, adjust the direction of the dock.

**Remove the iPod/iPhone**

- Pull the iPod/iPhone out of the dock.

## Charge the iPod/iPhone

The dual docks allow you to load and charge two iPods/iPhones at the same time.
When the unit is powered on, the docked iPod/iPhone begins to charge automatically.

## Listen to the iPod/iPhone

**Note**

- Make sure that your iPod/iPhone has been loaded securely.

1 Depending on which source you want to listen to, press **SOURCE A** or **SOURCE B** repeatedly to select the iPod/iPhone source.
2 Start music play on your iPod/iPhone.
↳ You can hear music from the Hi-Fi system.

## Basic play operations

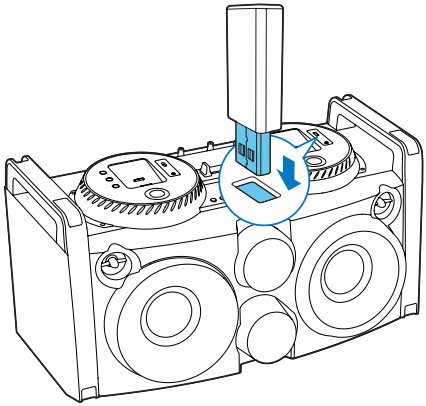
Besides the basic play operations, you can also control iPod/iPhone play through the following operations.

| Function | Action |
|---|---|
| To access the iPod/iPhone menu | press **MENU/** ■. |
| To navigate up/down | press ▲ ▼. |
| To navigate left/right | press ◀ / ▶. |
| To pause or resume play | press **OK/** ▶❚❚. |

# Play from USB

Note

- Make sure that the USB device contains playable audio content.



1 Insert a USB mass storage device into the ⇠ socket on either the left (A) or the right (B).

2 Press **SOURCE** repeatedly to select the USB source.
   ↳ Play starts automatically.

# Play options

## Repeat and shuffle play

- Press **MODE** repeatedly to select:
  - **-1** (repeat one): play the current track repeatedly.
  - (repeat all): play all tracks repeatedly.
  - (shuffle): play all tracks randomly.
  - (repeat shuffle): play all tracks repeatedly in random order.
  - None: resume normal play.

## Listen through headphone

Note

- When you listen and monitor through a headphone, the loudspeaker of the unit will be not muted.

1 Plug a headphone into the socket on the top panel.

2 Depending on which audio source you want to listen to, switch **OUTPUT** to the left (A) or right (B).

3 Use **VOL** to adjust the monitor headphone volume.

# 5 Listen to radio

## Tune to radio stations

Note

- To improve FM reception, fully extend and adjust the position of the FM antenna attached to the back panel.

1 Press **FM** to select the FM tuner source.
2 Press and hold ◀▶ for three seconds.
   ↪ The Hi-Fi system tunes to a station with strong reception automatically.
3 Repeat step 2 to tune to more stations.

**To tune to a weak station:**

- Press ◀▶ repeatedly until you find optimal reception.

## Store radio stations

Note

- You can store a maximum of 20 FM radio stations.

1 Tune to a radio station.
2 Press **PROG** to activate programming.
3 Press ⏮ / ⏭ to allocate a number from 1 to 20 to this radio station, then press **PROG** to confirm.
   ↪ The preset number and the frequency of the preset station are displayed.
4 Repeat the previous steps to program other stations.

Note

- You can also use the numeric keypad directly to allocate a preset number. To allocate a 2-digit number, press the number corresponding to the first digit, and then press the number corresponding to the second digit within 2 seconds.
- To overwrite a programmed station, store another station in its place.

## Select a preset radio station

- In tuner mode, press ⏮ / ⏭ repeatedly to select a preset radio station.

Tip

- You can also use the numeric keypad directly to select a preset number. To select a 2-digit number, press the number corresponding to the first digit, and then press the number corresponding to the second digit within 2 seconds.

# 6 Adjust sound

## Adjust speaker volume

- During play, press **VOL +/-** to increase/ decrease speaker volume.

## Select a sound effect

Note

- You cannot use different sound effects at the same time.

### Boost sound power

This feature allows you to give an instant boost to the sound power.

- Press **MAX SOUND** to turn on or off instant power boost.

### Select a preset sound effect

The DSC (Digital Sound Control) feature allows you to enjoy special sound effects.

- During play, press **DSC** repeatedly to select:
  - **[SAMBA]** (samba)
  - **[ROCK]** (rock)
  - **[JUNGLE]** (jungle)
  - **[POP]** (pop)

### Enhance bass

The best DBB (Dynamic Bass Enhancement) setting is generated automatically for each DSC selection. You can manually select the DBB setting that best suits your listening environment.

- During play, press **DBB** repeatedly to select:
  - DBB 1
  - DBB 2
  - DBB 3
  - DBB OFF

## Mute sound

- During play, press 🔇 to mute or restore sound output.

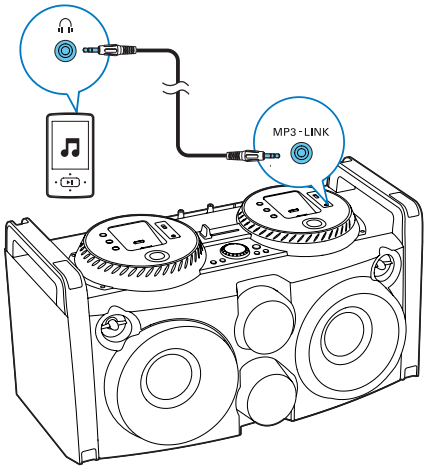
## Select an audio output mode

- Switch **CHANNEL CONTROL**at the back panel to one of the following positions:
  - **RR**: Audio output to the right channel only;
  - **RL**: Audio output to both the left and right channels;
  - **LL**: Audio output to the left channel only.

# 7 Additional features

## Play audio from an external device

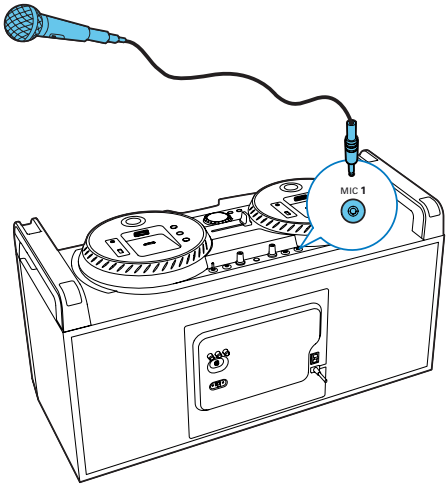
With this Hi-Fi system, you can play audio from an external audio device.




1 Connect the supplied MP3 Link cable to
   - the **MP3-LINK** socket on the left (A) or right (B) of the top panel
   - the headphone socket on an external device
2 Press **SOURCE A** or **SOURCE B** repeatedly to select the MP3 link source.
3 Play the external device (see the device's user manual).

## Speak or sing through the Hi-Fi system

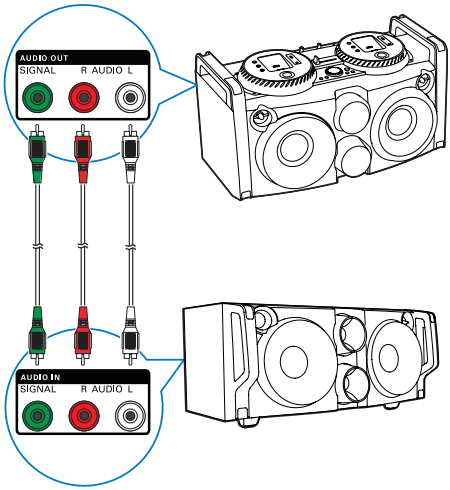
You can speak or sing through this Hi-Fi system with a microphone.




1 Connect a microphone (not supplied) to the **MIC 1** or **MIC 2** socket on the top panel.
2 Use the **MIC VOL** knob on the top panel to adjust the microphone volume.

## Enjoy simultaneous play

You can output audio to multiple compatible Hi-Fi systems (FWP1000) to enjoy simultaneous play.




1 Connect audio cables (white/red) to:
- the **AUDIO OUT (AUDIO L/R)** sockets on the back panel of this unit.
- the **AUDIO IN (AUDIO L/R)**sockets on a compatible Hi-Fi system (FWP1000).

2 Connect a signal cable (green) to:
- the **AUDIO OUT (SIGNAL)** socket on the back panel of the unit.
- the **AUDIO IN (SIGNAL)**socket on a compatible Hi-Fi system (FWP1000).

3 If you like, connect more compatible Hi-Fi systems (FWP1000) together in the same way.

4 Start play on this unit (FWP3200D).
↳ You can hear music from the loudspeakers of all the Hi-Fi systems connected to each other.

## Adjust decoration light

- In power-on mode, press **LIGHT** repeatedly to adjust the decoration light around the loudspeakers.
  - Blue (default, blinking blue with the music beat)
  - Red (blinking red with the music beat)
  - Purple (blinking in different colors with the music beat)
  - Off

**Tip**

- The light blinks as the music beat changes.

# 8 Product information

Note

- Product information is subject to change without prior notice.

## Specifications

### Amplifier

| | |
|---|---|
| Rated Output Power | 300 W RMS Max Power |
| Frequency Response | 35 Hz - 20 kHz, - 3 dB |
| Signal to Noise Ratio | > 70 dB |

### Tuner (FM)

| | |
|---|---|
| Tuning Range | 87.5 - 108 MHz |
| Tuning grid | 50 KHz |
| Sensitivity - Mono, 50 dB S/N Ratio | 18 - 22 dBf |
| Total Harmonic Distortion | > 2.0 % |
| Signal to Noise Ratio | > 50 dB |

### Speakers

| | |
|---|---|
| Speaker Impedance | Treble: 6 ohm<br>Bass: 4 ohm |

### General information

| | |
|---|---|
| AC power | 110 - 240V ~, 50/60Hz |
| Operation power consumption | 44 W |
| USB direct | Version 2.0/1.1 |
| Dimensions (W x H x D) | 704 x 385 x 364 mm |
| Weight | |
| - With Packing | 17.53 kg |
| - Main Unit | 14.49 kg |

## USB playability information

**Compatible USB devices:**

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- Memory cards (requires an additional card reader to work with this unit)

**Supported formats:**

- USB or memory file format FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 255
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

**Unsupported formats:**

- Empty albums: an empty album is an album that does not contain MP3/ WMA files, and will not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) are ignored and not played.
- AAC, WAV, PCM audio files
- WMA files

# 9 Troubleshooting

**Warning**

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/welcome). When you contact Philips, ensure that the apparatus is nearby and the model number and serial number are available.

### No power

- Make sure that the AC power plug of the unit is connected properly.
- Make sure that there is power at the AC outlet.
- Make sure that the **POWER ON/OFF** switch on the back panel is turned to the | position.
- To save power, the system switches off automatically after 30 minutes of inactivity (for example, in pause or stop mode).

### No sound or poor sound

- Adjust the volume.
- The speaker may be mute. Press to restore sound output.

### No response from the Hi-Fi system

- Disconnect and reconnect the AC power plug, then turn on the system again.
- As a power-saving feature, the unit switches off automatically 30 minutes after track play reaches the end and no control is operated.

### Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the batteries with its polarities (+/– signs) aligned as indicated.
- Replace the batteries.
- Aim the remote control directly at the sensor on the front of the unit.

### Poor radio reception

- Increase the distance between the unit and your TV or VCR.
- Fully extend the FM antenna.

### USB device not supported

- The USB device is incompatible with the unit. Try another one.

| 部件名称<br>Name of the Parts | 有毒有害物质或元素<br>Hazardous/toxic Substance | | | | | |
|---|---|---|---|---|---|---|
| | 铅 (Pb, Lead) | 汞 (Hg, Mercury) | 镉 (Cd, cadmium) | 六价铬(Chromium 6+) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| Housing<br>外壳 | O | O | O | O | O | O |
| Loudspeakers<br>喇叭单元 | O | O | O | O | O | O |
| PWBs<br>电路板组件 | X | O | O | O | O | O |
| Accessories (Remote control & cables)<br>附件（遥控器，电源线，连接线） | X | O | O | O | O | O |



○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363 - 2006 标准规定的限量要求以下。
O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363 – 2006.

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363 – 2006 标准规定的限量要求。
X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363 - 2006.

环保使用期限 Environmental Protection Use Period

*This logo refers to the period ( 10 years )*

电子信息产品中含有的有毒有害物质或元素在正常使用的条件下不会发生外泄或突变，电子信息产品用户使用该电子信息产品不会对环境造成严重污染或对其人身、财产造成严重 损害的期限。

This logo refers to the period ( 10 years ) during which the toxic or hazardous substances or elements contained in electronic information products will not leak or mutate so that the use of these [substances or elements] will not result in any severe environmental pollution, any bodily injury or damage to any assets.

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